

As the northern hemisphere moves into the heart of the summer season, NOAA Coral Reef Watch's near-real-time satellite monitoring (Fig. 1) shows low levels of thermal stress in the northwestern Pacific Ocean. Coral Reef Watch's Seasonal Bleaching Outlook (Fig. 2) shows a potential for high thermal stress to appear in the region extending from northeast of the Northern Mariana Islands and reaching the western-most Northwestern Hawaiian Islands (NWHI). Thermal stress levels capable of causing significant bleaching (Alert Levels 1 and 2) are not expected until late August but may continue into October 2013. Because of uncertainty in predicting the location of warming around the NWHI, the level of concern for major bleaching is low at this time. To monitor the intensity and location of the thermal stress, please follow Coral Reef Watch's satellite monitoring and Outlook closely in the coming weeks:  
<http://coralreefwatch.noaa.gov/satellite/index.php> and  
[http://coralreefwatch.noaa.gov/satellite/bleachingoutlook\\_cfs/outlook\\_cfs.php](http://coralreefwatch.noaa.gov/satellite/bleachingoutlook_cfs/outlook_cfs.php).

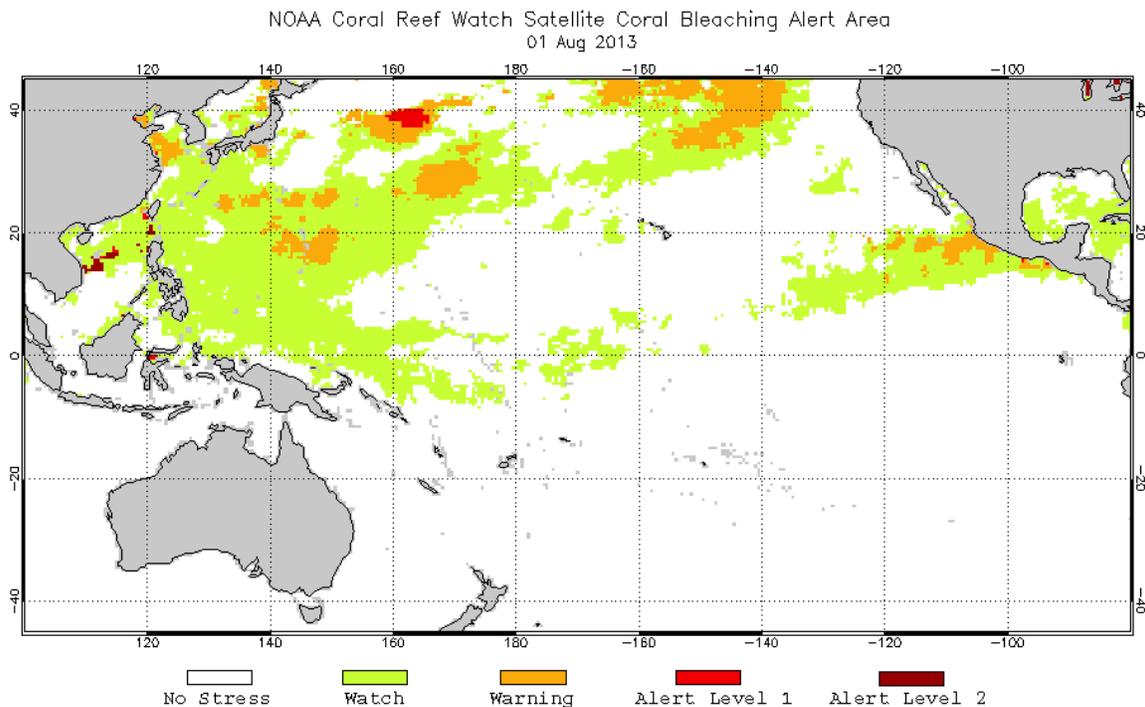


Figure 1: Satellite Coral Bleaching Alert Area

2013 Jul 30 NOAA Coral Reef Watch 60% Probability Coral Bleaching Thermal Stress for Aug–Nov 2013  
Experimental, v2.0, CFSv2-based, 28-member Ensemble Forecast

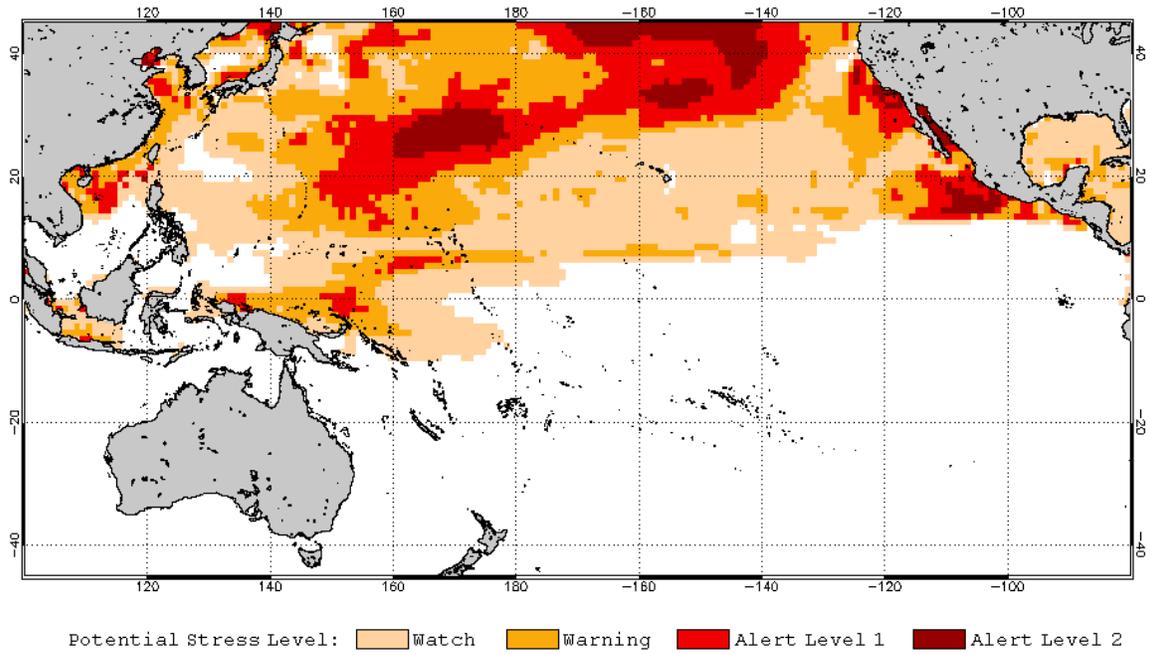


Figure 2: Seasonal Coral Bleaching Thermal Stress Outlook